Set	Items	Description
S1	17559	(SEVERAL OR PLURAL? OR MANY OR MULTI OR MULTIPLE)(3N)(COLO-R? OR COLOUR?)
S2	5065	S1 AND (IMAGE?? OR PICTURE?? OR GRAPHIC?)
S3	20620	(SINGLE OR ONE)(3N)(COLOR? OR COLOUR?)
S4	85114	BLACK AND WHITE
S5	4020	S1 AND (TRANSFORM? OR CONVERT? OR CONVERS? OR ADJUST? OR A-LTER? OR MODIF? OR CHANG?)
S6	8364	SCREEN?(3N)TOOL?
S7	2184	TEXTURE AND (HUE OR SATURATION)
S8	327	(CORRESPOND? OR MATCH? OR REPRESENT?) AND S7
S9	1073	S1 AND SPACE
S10	27	WEIGH?(3N)BLEND? AND SCREEN?
S11	22001	AU=(LIN, Y? OR SHIAU, J? OR LIN Y? OR SHIAU J?)
S12	422	S5 AND (S3 OR S4)
S13	0	S12 AND S6
S14	2	S12 AND S7
S15	2	RD S14 (unique items)
S16	0	S12 AND S10
S17	151	S9 AND (S3 OR S4)
S18	0	S17 AND S6
S19	0	S17 AND S8
S20	0	S11 AND S17
S21	151	S17 NOT S14
S22	43	S21 AND PY=2001:2004
S23	108	S21 NOT S22
S24	0	S23 AND WEIGH? AND BLEND?
S25	0	S23 AND SCREEN? AND TOOL?
S26	0	S23 AND S7
S27	1	S1 AND S6

only selective titles printed (handwritten annotation pointing to S22/S23)

```
S28          1    S8 AND S9
S29          1    S28 NOT (S27 OR S23 OR S14)
```

15/3,K/1   (Item 1 from file: 8)
DIALOG(R)File   8:Ei Compendex(R)
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03676573   E.I. No: EIP93071035314
   Title: Soil color standards and terms for field use - history of their
development
   Author: Simonson, Roy W.
   Conference Title: Proceedings of a Symposium on Soil Color
   Conference   Location: San Antonio, TX, USA Conference Date:
19901021-19901026
   E.I. Conference No.: 18760
   Source: SSSA Special Publication (Soil Science Society of America) n 31
1993. Publ by Soil Science Soc of America, Madison, WI, USA. p 1-20
   Publication Year: 1993
   CODEN: SSAPAV   ISSN: 0081-1904   ISBN: 0-89118-802-9
   Language: English

   ...Abstract: the colors of dry soil samples in the laboratory and express
those in proportions of **white** , **black** , yellow, and red. Somewhat
comparable efforts were underway in the former Soviet Union. Progress seems
...

   ...of the present in many ways but are smaller and lack the Munsell
notations for **hue** , chroma, and value. Instead, each chip is assigned a
name from the ISCC-NBS system...

   ...major effort to improve standards and terminology for properties of soil
horizons such as color, **texture** , structure, and consistence. The effort
lasted about 5 yr. Early in that period, a decision was made to use
constant **hue** charts showing chromas and values of the Munsell system with
their notations. Rather than the ISCC-NBS names, folk terms were adopted
for soil **colors** . **Several** years were required to reach agreement on
names. The Munsell color charts and the new...

   ...was recommended by the International Society of Soil Science about 10 yr
later. A few **modifications** have been made of some charts since then and
one chart for **colors** of wet soils (?Gley' chart) has been added. The
intermittent efforts that extended over a...
   Identifiers: Soil color standards; United States Department of
Agriculture (USDA); Bureau of Soils; Constant **hue** charts; International
Society of Soil Science

    15/3,K/2   (Item 1 from file: 94)
DIALOG(R)File   94:JICST-EPlus
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05673824   JICST ACCESSION NUMBER: 04A0060499 FILE SEGMENT: JICST-E
Color impression of colored texture **made of identical unique hues.**
SUNAGA SHOJI (1); YAMASHITA YUKIO (1)
(1) Kyushu Univ., JPN
Nippon Shikisai Gakkaishi(Journal of the Color Science Association of Japan
), 2003, VOL.27,NO.4, PAGE.298-305, FIG.6, REF.6
JOURNAL NUMBER: X0441AAC   ISSN NO: 0389-9357
UNIVERSAL DECIMAL CLASSIFICATION: 535.6   591.185.6.05+591.484
LANGUAGE: Japanese   COUNTRY OF PUBLICATION: Japan
DOCUMENT TYPE: Journal
ARTICLE TYPE: Short Communication
MEDIA TYPE: Printed Publication

Color impression of colored texture **made of identical unique hues.**

ABSTRACT: When we see a **texture** pattern consisting of many small patches
made of similar colors, we can perceive a color impression as a whole
from the **texture** pattern. It is not clear how the whole color
impression is determined. The purpose of the study was to investigate
the mechanism underlying the determination of the whole **color**
impression from a **multi – colored texture** pattern. We examined
whether the whole color impression was determined by the colorimetrical
average of the **texture** elements, or by the color attributes, such as
hue , saturation , and lightness, of the elements. When the colored
elements of the **texture** have the identical unique **hue** with
different **saturation ,** the loci of the matched colors may be located
in the segment by which the loci of two colors of **texture** are
connected,if it is determined by the colorimetrical average. On the
other hand, if the matched color may be still located on the unique
hue loci that are known to bend in the chromaticity diagram, it means
that the whole impression of color may be determined by the color
attributes of the elements. **Texture** patterns (square, 5.0*5.0deg)
consisting of random-dot elements with two colors, an identical unique
hue with different **saturation ,** were presented. The square dot size
was 2.3min. A uniform color matching field of the same size as the
texture was presented beside the **texture** pattern with a gap of 3deg.
Observer's task was to respond the whole color impression to the
colored **texture** by **adjusting** the **single color** of the **color**
matching field. The unique **hue** loci with different **saturation** were
measured for each observer previously. The matched colors still had the
unique **hue** and were not located on the line connecting the loci of
the two colors of the **texture** under the unique red condition. The
whole color impression of the scene is determined by...
...DESCRIPTORS: **saturation** (color

?

23/3,K/2   (Item 2 from file: 2)

6677038   INSPEC Abstract Number: A2000-18-0760D-011, B2000-09-7260D-012,
C2000-09-5540D-014
 Title: Color spaces and image quality
  Author(s): McCann, J.J.; Stokes, M.
  Author Affiliation: McCann Imaging, Belmont, MA, USA
  Conference Title: Proceedings. IS&T's PICS Conference. 51st Annual
Conference   p.140-4
  Publisher: Soc. Imaging Sci. & Technol, Springfield, VA, USA
  Publication Date: 1998 Country of Publication: USA   xvi+432 pp.
  ISBN: 0 89208 211 9   Material Identity Number: XX-1998-01389
  Conference Title: Proceedings of Conference of the Society for Imaging
Science and Technology
  Conference Date: 17-20 May 1998   Conference Location: Portland, OR, USA
  Language: English
  Subfile: A B C
  Copyright 2000, IEE

  ...Abstract: two different samples, we can use the straight-line distance
between their positions in three- **space** as a measure of the color
difference or the **color** error. There are **many** different spaces, each
established with different criteria. Which of the **many** **color** spaces is
the best? Which mimics human color vision the best? If we want to use a
color **space** to quantify color appearance, the answer is easy. We must use
an isotropic **color** **space** ; that is, **one** that has the same appearance
increments in all directions. Throughout this **space** a unit of chroma, a
unit of lightness and a unit of hue must appear...
  ...Identifiers: positions in three- **space** ; ...

...isotropic color **space** ;

 23/3,K/3   (Item 3 from file: 2)

6658530   INSPEC Abstract Number: A2000-17-0760D-004
  **Title: Color from shape from color: a simple formalism with known light
sources**
  Author(s): Drew, M.S.; Brill, M.H.
  Author Affiliation: Sch. of Comput. Sci., Simon Fraser Univ., Burnaby,
BC, Canada
  Journal: Journal of the Optical Society of America A (Optics, Image
Science and Vision)   vol.17, no.8   p.1371-81
  Publisher: Opt. Soc. America,
  Publication Date: Aug. 2000 Country of Publication: USA
  CODEN: JOAOD6 ISSN: 0740-3232
  SICI: 0740-3232(200008)17:8L.1371:CFSF;1-P
  Material Identity Number: C458-2000-007
  U.S. Copyright Clearance Center Code: 0740-3232/2000/081371-11$15.00
  Language: English
  Subfile: A
  Copyright 2000, IEE

  ...Abstract: taken under illumination from different directions. At best,
one may dispense with the need for **multiple** images by using **colored**
lights tuned to camera filters. But a less restrictive paradigm is

available that uses the orientation-from- **color** approach, wherein **multiple** broadband illuminants impinge on a surface simultaneously. In that method, colors for a Lambertian surface lie on an ellipsoid in color **space** . The method has been applied mainly to **single - color** objects, with ellipsoid quadratic-form parameters determined from a large number of pixels. However, recently...

... The simple color model can often be made to hold more exactly by transforming the **color** **space** into **one** corresponding to spectrally sharpened sensors, which are a matrix transform away from the actual camera ...
   ...Identifiers: color **space** ; ...

... **single - color** objects

23/3,K/4   (Item 4 from file: 2)
DIALOG(R)File   2:INSPEC
(c) 2004 Institution of Electrical Engineers. All rts. reserv.

6620543   INSPEC Abstract Number: C2000-07-5260B-296
   Title: **Consideration of color segmentation to extract character areas from color document images**
   Author(s): Hase, H.; Yoneda, M.; Sakai, M.; Maruyama, H.
   Author Affiliation: Fac. of Eng., Toyama Univ., Japan
   Journal: Transactions of the Institute of Electronics, Information and Communication Engineers D-II   vol.J83D-II, no.5   p.1294-304
   Publisher: Inst. Electron. Inf. & Commun. Eng,
   Publication Date: May 2000 Country of Publication: Japan
   CODEN: DTGDE7 ISSN: 0915-1923
   SICI: 0915-1923(200005)J83DII:5L.1294:CCSE;1-R
   Material Identity Number: M973-2000-006
   Language: Japanese
   Subfile: C
   Copyright 2000, IEE

   Abstract: We present a new segmentation method of a **color** **space** to obtain **several** representative **colors** in order to extract character areas from color document images. The color documents that we...

... by offset printing. Although the characters in a color document seem to be of a **single** **color** ., **color** distribution can be detected by measurement. Therefore, the desirable conditions to extract character areas were investigated by clustering the **color** **space** . However, too **many** clusters result in over-segmentation of a character color, while fewer clusters result in fusion with the background color. Therefore, we propose a simple segmentation algorithm of the color **space** based on a histogram. The point of our algorithm is to find the densest local regions in the color **space** so as not to miss character colors. By using this simple algorithm, adequate representative colors...
   ...Identifiers: color **space** clustering...

23/3,K/5   (Item 5 from file: 2)
DIALOG(R)File   2:INSPEC
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6366172   INSPEC Abstract Number: C1999-11-6160S-007
   Title: **A novel vector-based approach to color image retrieval using a vector angular-based distance measure**

Author(s): Androutsos, D.; Plataniotis, K.N.; Venetsanopoulos, A.N.
Author Affiliation: Dept. of Electr. & Comput. Eng., Toronto Univ., Ont., Canada

...Abstract: nonlinearity, call for improved methods. We present a new scheme which implements a recursive HSV- **space** segmentation technique to identify perceptually prominent color areas. The average color vector of these extracted...

... system provides accurate retrieval results and high retrieval rate. It allows for queries based on **single** or **multiple** **colors** and, in addition, it allows for certain colors to be excluded in the query. This flexibility is due to our distance measure and the multidimensional query **space** in which the retrieval ranking of the database images Is determined, Furthermore, our scheme proves...
    ...Identifiers: recursive HSV- **space** segmentation...

 23/3,K/6   **(Item 6 from file: 2)**
DIALOG(R)File   2:INSPEC

6277495   INSPEC Abstract Number: B1999-08-6135-014, C1999-08-6160S-001
 Title: **Detecting** multi - colored **object in image by content**
   Author(s): Yuehu Liu; Sumei Guo; Ozawa, S.
   Author Affiliation: Dept. of Electr. Eng., Keio Univ., Yokohama, Japan
 Title: **Detecting** multi - colored **object in image by content**
    ...Abstract: a wide variety of background colors and forms. We propose a novel method of detecting **multi - colored** object in image by content. The color component and spatial relationship are two important contents...

... an image. With the color feature based on the hue histogram of the HSV

color **space** , we try to combine similar color pixels to a more homogeneous color component by adopting...

... fourth central moment. Then, we use the extended color adjacency graph (ECAG) to describe a **multi - colored** object. The ECAG consists of a set of nodes and two sets of edges. Each node represents a **single color** component of **multi - colored** object, while edges are divided into two classes: edges representing adjacency between similar color components...
    Identifiers: **multi - colored** object detection...

...HSV color **space** ;

23/3,K/9   (Item 9 from file: 2)
DIALOG(R)File   2:INSPEC

6183281   INSPEC Abstract Number: B1999-04-6135-099
  Title: **Infrared color vision: separating objects from backgrounds**
    Author(s): Scribner, D.; Schuler, J.; Warren, P.; Satyshur, M.; Kruer, M.
    Author Affiliation: Naval Res. Lab., Washington, DC, USA
    Journal: Proceedings of the SPIE - The International Society for Optical Engineering Conference Title: Proc. SPIE - Int. Soc. Opt. Eng. (USA) vol.3379   p.2-13
    Publisher: SPIE-Int. Soc. Opt. Eng,
    Publication Date: 1998 . Country of Publication: USA
    CODEN: PSISDG ISSN: 0277-786X
    SICI: 0277-786X(1998)3379L.2:ICVS;1-K
    Material Identity Number: C574-1998-236
    U.S. Copyright Clearance Center Code: 0277-786X/98/$10.00
    Conference Title: Infrared Detectors and Focal Plane Arrays V
    Conference Sponsor: SPIE
    Conference Date: 14-17 April 1998   Conference Location: Orlando, FL, USA
    Language: English
    Subfile: B
    Copyright 1999, IEE
    Abstract: The concept of **multi** -band infrared **color** vision is discussed in terms of combining two or more bands of infrared imagery into a **single** composite **color** image. This work is motivated by emerging new technologies in which two or more infrared...

... targets in clutter. Methods are discussed for mapping raw image data into an appropriate color **space** and then processing it to achieve an intuitively meaningful color display for a human viewer...
    ...Identifiers: **single** composite **color** image

23/3,K/11   (Item 11 from file: 2)
DIALOG(R)File   2:INSPEC

5911634   INSPEC Abstract Number: B9806-7260-108
  Title: **Effective utilization of perceptive** color space **for multi -spectral image display**
    Author(s): Li, W.; Lin, X.; Tang, S.
    Author Affiliation: Dept. of Opt. Eng., Beijing Inst. of Technol., China
    Conference Title: Proceedings of Fifteenth International Display Research Conference. Asia Display '95   p.973-4
    Publisher: Inst. Telev. Eng. Japan & SID, Tokyo, Japan & Santa Ana, CA,

USA
  Publication Date: 1995 Country of Publication: USA   xxvi+981 pp.
  Material Identity Number: XX95-01936
  Conference Title: Proceedings of 15th International Display Research
Conference
  Conference Sponsor: Inst. Telev. Eng. Japan; SID
  Conference Date: 16-18 Oct. 1995   Conference Location: Hamamatsu, Japan
  Language: English
  Subfile: B
  Copyright 1998, IEE

  Title: **Effective utilization of perceptive** color space **for** multi
-**spectral image display**
  ...Abstract: can be perceived by human color vision from color image
displays than monochromatic ones. Pseudo- **coloring** and synthesizing **multi**
-spectral image is effective method of remote sensing image process.
However, the device-dependent color **space** RGB is ineffective for visual
analysis. We are not able to predict directly the result...

  ...B value. Therefore, we employed perceptive parameters hue, lightness and
saturation in device-independent color **space** as pseudo- **color** scale for
coding **single** band of multi-spectral images and display synthetic color
image for effective visual interpretation.
  Identifiers: perceptive color **space** ;

  23/3,K/15   (Item 15 from file: 2)
DIALOG(R)File   2:INSPEC
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5641506   INSPEC Abstract Number: B9709-6140C-049, C9709-5260B-025
  Title: **Extraction of specular reflection using** multiple color **and**
range images
  Author(s): Otsuki, M.; Sato, Y.
  Author Affiliation: Dept. of Electr. & Comput. Eng., Nagoya Univ., Japan
  Journal: Transactions of the Institute of Electronics, Information and
Communication Engineers D-II   vol.J80D-II, no.6   p.1352-9
  Publisher: Inst. Electron. Inf. & Commun. Eng,
  Publication Date: June 1997 Country of Publication: Japan
  CODEN: DTGDE7 ISSN: 0915-1923
  SICI: 0915-1923(199706)J80DII:6L.1352:ESRU;1-W
  Material Identity Number: M973-97007
  Language: Japanese
  Subfile: B C
  Copyright 1997, IEE

  Title: **Extraction of specular reflection using** multiple color **and**
range images
  Abstract: A method for extracting specular reflection from **multiple**
 color images is described. **One** of the features of this method is that
range images measured from same viewpoints with...
  ... applied. In this model, local color distribution of an image is linear
in RGB color **space** . When specular reflection is observed, the inclination
of the linear distribution becomes parallel with a...

  ... A special merit of this method is that the specular and shading are
extracted from **multiple** **color** images illuminated from the front.
Therefore, no shadows are measured. Thus, this image is suitable...
  ...Identifiers: **multi** - **color** images...

...RGB color **space** ;

 23/3,K/16 **(Item 16 from file: 2)**
DIALOG(R)File   2:INSPEC

4870098   INSPEC Abstract Number: A9505-9850-012
 Title: **Generating colors and k corrections from existing catalog data**
  Author(s): Frei, Z.; Gunn, J.E.
  Author Affiliation: Dept. of Astrophys., Princeton Univ., NJ, USA
  Journal: Astronomical Journal   vol.108, no.4   p.1476-85
  Publication Date: Oct. 1994 Country of Publication: USA
  CODEN: ANJOAA ISSN: 0004-6256
  U.S. Copyright Clearance Center Code: 0004-6256/94/108(4)/1476/10/$0.90
  Language: English
  Subfile: A
  Copyright 1995, IEE

   Abstract: Presents **color** - **color** relations on **several** systems as
functions of redshift calculated using the galaxy energy distributions of
Coleman et al...

... and B k corrections for each galaxy type. To the extent that galaxies
represent a **one** -parameter sequence in **color** **space** , a redshift and
color in any pair of bands in any system can be used...

 23/3,K/19 **(Item 19 from file: 2)**
DIALOG(R)File   2:INSPEC

4694459   INSPEC Abstract Number: C9408-5260B-007
  Title: **Robust specularity detection from a** single   multi -**illuminant**
 color **image**
  Author(s): Drew, M.S.
  Author Affiliation: Sch. of Comput. Sci., Simon Fraser Univ., Burnaby,
BC, Canada
  Journal: CVGIP: Image Understanding   vol.59, no.3   p.320-7
  Publication Date: May 1994 Country of Publication: USA
  CODEN: CIUNEJ ISSN: 1049-9660
  U.S. Copyright Clearance Center Code: 1049-9660/94/$6.00
  Language: English
  Subfile: C

  Title: **Robust specularity detection from a** single   multi -**illuminant**
 color **image**
  ...Abstract: answer this question and also recover surface orientation in
non-specular regions using only a **single** **color** image of the surface
taken under a set of illuminants whose positions, strengths, and spectral
...

... measured RGB color. Linearity means that the Gaussian sphere is
transformed into an ellipsoid in **color** **space** , and **one** can solve for
the ellipsoid using least squares; surface normals are recovered only up to
...

...the underlying color ellipsoid, then a robust method can still find that
surface in RGB **space** . A least-median-of-squares method is used to recover
shape and detect specularities at...

...Identifiers: **single** **multi** -illuminant **color** image...

... **single** **color** image...

...color **space** ;

23/3,K/20 (Item 20 from file: 2)

4641780 INSPEC Abstract Number: B9405-6140C-172, C9405-5260B-154
Title: **Generic architecture for color data interchange**
Author(s): Donovan, W.J.; Maier, T.O.
Author Affiliation: Polaroid Corp., Cambridge, MA, USA
p.139-41
Publisher: Soc. Imaging Sci. & Technol, Springfield, VA, USA
Publication Date: 1993 Country of Publication: USA xxiv+420 pp.
ISBN: 0 89208 171 6
Conference Title: Proceedings of IS&T 46th Annual Conference
Conference Sponsor: Polaroid
Conference Date: 9-14 May 1993 Conference Location: Cambridge, MA, USA
Language: English
Subfile: B C

...Abstract: application areas, the GACDI standard should provide a way
of describing virtually any type of **color** data, and **many** **color**
transforms, such as those used to get from **one** **color** **space** to
another. These representations are called Color Data Representation Objects
(CDROs) and Color Data Transform...
...Identifiers: color **space** ;

23/3,K/21 (Item 21 from file: 2)

4519699 INSPEC Abstract Number: A9324-6150E-001
Title: **Simple and** multiple color **antisymmetry** space **groups**
Author(s): Jablan, S.V.; Palistrant, A.F.
Author Affiliation: Moldova State Univ., Chisinau, Moldova
Journal: Kristallografiya vol.38, no.2 p.4-11
Publication Date: March-April 1993 Country of Publication: Russia
CODEN: KRISAJ ISSN: 0023-4761
Translated in: Crystallography Reports vol.38, no.2 p.137-41
Publication Date: March-April 1993 Country of Publication: USA
CODEN: CYSTE3 ISSN: 1063-7745
U.S. Copyright Clearance Center Code: 1063-7745/93/020137-05$10.00
Language: English
Subfile: A

Title: **Simple and** multiple color **antisymmetry** space **groups**
...Abstract: a different type of color antisymmetry are presented. The
complete derivation of the resulting minor **space** groups of both simple
and **multiple** **color** antisymmetry is reviewed for all nontrivial
assignments to points in a three-dimensional Euclid **space** colored by p
colors of **one** or **several** signs '+' or '-'....
Descriptors: **space** groups
Identifiers: color antisymmetry **space** groups...

...minor **space** groups...

...three-dimensional Euclid **space**

23/3,K/22   **(Item 22 from file: 2)**
DIALOG(R)File   2:INSPEC

4403905   INSPEC Abstract Number: A9312-0760D-001
  Title: **Colour-difference**   **measurement:** **the** **sensitivity** **of** **various instruments compared**
  Author(s): Raggi, A.; Barbiroli, G.
  Author Affiliation: Istituto di Merceologia Bologna Univ., Italy
  Journal: Color Research & Application   vol.18, no.1   p.11-27
  Publication Date: Feb. 1993 Country of Publication: USA
  CODEN: CREADU ISSN: 0361-2317
  U.S. Copyright Clearance Center Code: 0361-2317/93/010011-17
  Language: English
  Subfile: A

  ...Abstract: increasing importance of color quality control in various branches of industry, over the last decades **several** **colour** -measuring instruments have been developed, each one with its own design features; the lack of...

... with the aim of analyzing their correlation and dispersion. In order to cover different colour- **space** regions, measurements were taken on test panels paints with four saturated basic hue (red, yellow, green, and blue) acrylic products gradually modified by adding **white** or **black** paint. Basic statistical analyses made on colour-difference values (Delta E/sub ab/*, Delta L...
  ...Identifiers: colour- **space** regions...

23/3,K/24   **(Item 24 from file: 2)**
DIALOG(R)File   2:INSPEC

02933679   INSPEC Abstract Number: A87090534, B87048029
 Title: Digital color image restoration
  Author(s): Westerink, P.H.; Biemond, J.; de Bruin, P.H.L.
  Author Affiliation: Dept. of Electr. Eng., Delft Univ. of Technol., Netherlands
  Conference Title: Signal Processing III: Theories and Applications. Proceedings of EUSIPCO-86: Third European Signal Processing Conference p.761-4 vol.2
  Editor(s): Young, I.T.; Duin, R.P.W.; Biemond, J.; Gerbrands, J.J.
  Publisher: North-Holland, Amsterdam, Netherlands
  Publication Date: 1986 Country of Publication: Netherlands   2 vol. xxvi+1436 pp.
  ISBN: 0 444 70085 4
  Conference Date: 2-5 Sept. 1986   Conference Location: The Hague, Netherlands
  Language: English
  Subfile: A B

  ...Abstract: blur are investigated: uniform motion blur and defocusing blur, which is an example of a **space** -variant wavelength-dependent type of blur. The restoration is performed in the frequency domain by...

... constrained least-squares filter. In order to measure the filter performance, two performance measures for **color** images are introduced, **one** of which is based on the properties of the human visual system. Finally, **several** experimental results on **color** images are given. A comparison is made between reconstruction in the RGB or YIQ domain...
...Identifiers: **space** -variant wavelength-dependent

23/3,K/33   (Item 5 from file: 6)
DIALOG(R)File   6:NTIS

1384375 NTIS Accession Number: N88-23905/8
  Multi - Color **Pyrometer for Materials Processing in** Space
  Frish, M. B. ; Spencer, M. N. ; Wolk, N. E. ; Werner, J. S. ; Miranda, H. A.
  Physical Sciences, Inc., Andover, MA.
  Corp. Source Codes: 076666000; PQ626284
  Sponsor: National Aeronautics and Space Administration, Washington, DC.
  Mar 88   29p
  Languages: English
  Journal Announcement: GRAI8820; STAR2617
  In NASA, Washington, D.C. Noncontact Temperature Measurement p 145-172.
  NTIS Prices: (Order as N88-23895/1, PC A19/MF A01)

  Multi - Color **Pyrometer for Materials Processing in** Space
  ... a spacecraft and for use in the control of thermal processes for manufacturing materials in **space** . The pyrometer actually uses only **one** **color** at a time, and is relatively insensitive to uncertainties in the heated object's emissivity...
  Descriptors: Radiation pyrometers; * **Space** processing; *Temperature control; *Temperature measurement; Accuracy; Calibrating; Lenses; Optical equipment

23/3,K/34   (Item 1 from file: 8)
DIALOG(R)File   8:Ei Compendex(R)

06763586   E.I. No: EIP04128069026
  Title: Color Spaces and Image Quality
  Author: McCann, John J.; Stokes, Michael
  Corporate Source: McCann Imaging, Belmont, MA 02178, United States
  Conference Title: Final Program and Proceedings: IS and T's 51st Annual Conference
  Conference Location: Portland, OR, United States   Conference Date: 19980517-19980520
  E.I. Conference No.: 62398
  Source: Society for Imaging Science and Technology: Image Processing, Image Quality, Image Capture, Systems Conference 1998.
  Publication Year: 1998
  Language: English

  ...Abstract: two different samples, we can use the straight-line distance between their positions in three- **space** as a measure of the color difference or the **color** error. There are **many** different spaces, each established with different criteria. Which of the **many** color spaces is the best? Which mimics human color vision the best? If we want to use a color **space** to quantify color appearance, the answer is easy. We must use an isotropic **color** **space** ; that is, **one** that has the same

appearance increments in all directions. Throughout this **space** a unit of chroma, a unit of lightness and a unit of hue must appear...

23/3,K/36   (Item 3 from file: 8)
DIALOG(R)File   8:Ei Compendex(R)
(c) 2004 Elsevier Eng.   Info. Inc. All rts. reserv.

06475696   E.I. No: EIP03317577853
   Title: Color from shape from color: A simple formalism with known light sources
   Author: Drew, Mark S.; Brill, Michael H.
   Corporate Source: School of Computing Science Simon Fraser University, Vancouver, BC, V5A 1S6, Canada
   Source: Journal of the Optical Society of America A: Optics and Image Science, and Vision v 17 n 8 August 2000. p 1371-1381
   Publication Year: 2000
   CODEN: JOAOD6   ISSN: 0740-3232
   Language: English

   ...Abstract: taken under illumination from different directions. At best, one may dispense with the need for **multiple** images by using **colored** lights tuned to camera filters. But a less restrictive paradigm is available that uses the orientation-from- **color** approach, wherein **multiple** broadband illuminants impinge on . a surface simultaneously. In that method, colors for a Lambertian surface lie on an ellipsoid in color **space** . The method has been applied mainly to **single** - **color** objects, with ellipsoid quadratic-form parameters determined from a large number of pixels. However, recently...
   ...The simple color model can often be made to hold more exactly by transforming the **color** **space** into **one** corresponding to spectrally sharpened sensors, which are a matrix transform away from the actual camera ...

23/3,K/39   (Item 6 from file: 8)
DIALOG(R)File   8:Ei Compendex(R)
(c) 2004 Elsevier Eng.   Info. Inc. All rts. reserv.

05226911   E.I. No: EIP99020004377
   Title: Detecting multi - colored **object in image by content**
   Author: Liu, Yuehu; Guo, Sumei; Ozawa, Shinji
   Corporate Source: Keio Univ, Yokohama-Shi, Jpn
   Conference Title: Proceedings of the 1998 International Symposium on Multispectral Image Processing, ISMIP'98
   Conference Location: Wuhan, China   Conference Date: 19981021-19981023
   E.I. Conference No.: 49744
   Source: Proceedings of SPIE - The International Society for Optical Engineering v 3545 1998. SPIE, Bellingham, WA, USA. p 405-410
   Publication Year: 1998
   CODEN: PSISDG   ISSN: 0277-786X
   Language: English

   Title: Detecting multi - colored **object in image by content**
   ...Abstract: a wide variety of background colors and forms. We propose a novel method of detecting **multi** - **colored** object in image by content. Color component and spatial relationship are two important contents of image. With color feature based on hue histogram of HSV color **space** , we try to combine similar color pixels to a more homogeneous color component by adopting...

...central moment. And then, we use the extended color adjacency graph
(ECAG) to describe a **multi** - **colored** object. ECAG consists of a set of
nodes and two set of edges. Each node represents a **single color**
component of **multi** - **colored** object, while edges are divided into two
classes: edges representing adjacency between similar color components...

23/3,K/40   (Item 7 from file: 8)
DIALOG(R)File   8:Ei Compendex(R)
(c) 2004 Elsevier Eng. Info. Inc. All rts. reserv.

04946781   E.I. No: EIP97093812879
   Title: **Soccer player recognition by pixel classification in a hybrid
color** space
   Author: Vandenbroucke, Nicolas; Macaire, Ludovic; Postaire, Jack-Gerard
   Corporate Source: Ecole des Mines de Douai, Douai, Fr
   Conference Title: Algorithms for Multispectral and Hyperspectral Imagery
III
   Conference   Location: Orlando,   FL,   USA   Conference   Date:
19970422-19970423
   E.I. Conference No.: 23054
   Source: Proceedings of SPIE - The International Society for Optical
Engineering   v   3071   1997.   Society   of   Photo-Optical   Instrumentation
Engineers, Bellingham, WA, USA. p 23-33
   Publication Year: 1997
   CODEN: PSISDG   ISSN: 0277-786X   ISBN: 0-8194-2486-2
   Language: English

   Title: **Soccer player recognition by pixel classification in a hybrid
color** space
   ...Abstract: are determined interactively. In a second step, dealing with
windows containing only one player of **one** team, the **color** features
which yield the best discrimination between the two teams are selected.
Thanks to these...

   ...associated to the players of the two teams form two separated clusters
into a color **space** . In fact, there are **many color** representation
systems and it's interesting to evaluate the features which provide the
best separation...

   ...most discriminating color features which define the coordinates of each
pixel in an 'hybrid color **space** .' Thanks to this hybrid color
representation, each pixel can be assigned to one of the...

23/3,K/41   (Item 8 from file: 8)
DIALOG(R)File   8:Ei Compendex(R)
(c) 2004 Elsevier Eng. Info. Inc. All rts. reserv.

04938076   E.I. No: EIP98024055449
   Title: **Universal paradigm for color management**
   Author: Giorgianni, Edward J.
   Corporate Source: Eastman Kodak Co, Rochester, NY, USA
   Conference Title: Proceedings of the 1996 4th Color Imaging Conference
Color Science, Science, and Applications
   Conference   Location: Scottsdale,   AZ,   USA   Conference   Date:
19961119-19961122
   E.I. Conference No.: 47734
   Source: Proceedings of the Color Imaging Conference: Color Science,
Systems, and Applications 1997. Soc Imaging Sci Technol, Springfield, VA,

USA. p 1
  Publication Year: 1997
  CODEN: 002418
  Language: English

  ...Abstract: recent years, various methods have been developed for
representing, encoding, and controlling colors in digital **color** -imaging
systems. Although **many** of these methods have been based on the concept of
`device-independent' color, none has...
  ...systems and applications. This paper will describe a new paradigm for
digital color encoding and **color** management. This **single** - and
deceptively simple - `universal' color-management paradigm encompasses the
functionality of all existing color-imaging...

  ...make optimum use of current interchange metrics, such as the KODAK Photo
YCC Color Interchange **Space** used in the Photo CD System. (Author
abstract)

 23/3,K/42   **(Item 9 from file: 8)**
DIALOG(R)File   8:Ei Compendex(R)
(c) 2004 Elsevier Eng. Info. Inc. All rts. reserv.

04454822   E.I. No: EIP96073248070
   Title: **Robotic sensory data fusion: a regularized color edge detection
approach**
   Author: Salinas, R.; Richardson, C.; Abidi, M.A.; Gonzalez, R.C.; Vega,
M.
   Corporate Source: Univ of Tennessee, Knoxville, TN, USA
   Conference Title: Proceedings of the 1995 IEEE 38th Midwest Symposium on
Circuits and Systems. Part 1 (of 2)
   Conference   Location: Rio   de   Janeiro,   Braz   Conference   Date:
19950813-19950816
   E.I. Conference No.: 44989
   Source: Midwest Symposium on Circuits and Systems v 1 1995. IEEE,
Piscataway, NJ, USA,95CB35853. p 149-153
   Publication Year: 1995
   CODEN: MSCSDL
   Language: English

   ...Abstract: well as two-dimensional regularization, (2) extension of the
standard Tikhonov regularization method by allowing **space** -variant
regularization parameters, and (3) further extension of the regularization
paradigm by adding multiple data...
   Identifiers: Tikhonov regularization paradigm; **Multiple** data sources;
Color edge detection; **One** dimensional; Two dimensional
? t23/3,k/44,46,52,57,70,72,74,75,82,83,84,88,98,103,104

 23/3,K/44   **(Item 11 from file: 8)**
DIALOG(R)File   8:Ei Compendex(R)
(c) 2004 Elsevier Eng. Info. Inc. All rts. reserv.

03965553   E.I. No: EIP94101433437
   Title: **Robust specularity detection from a** single   multi -**illuminant**
color **image**
   Author: Drew, Mark S.
   Corporate Source: Simon Fraser Univ, Vancouver, BC, Can
   Source: CVGIP: Image Understanding v 59 n 3 May 1994. p 320-327
   Publication Year: 1994
   CODEN: CIUNEJ   ISSN: 1049-9660

Language: English

   Title: Robust specularity detection from a single   multi -**illuminant**
color **image**
   ...Abstract: answer this question and also recover surface orientation in
non-specular regions using only a **single** **color** image of the surface
taken under a set of illuminants whose positions, strengths, and spectral
...

...measured RGB color. Linearity means that the Gaussian sphere is
transformed into an ellipsoid in **color** **space** , and **one** can solve for
the ellipsoid using least squares; surface normals are recovered only up to
...
...the underlying color ellipsoid, then a robust method can still find that
surface in RGB **space** . Here a least-median-of-squares method is used to
recover shape and detect specularities...
   Identifiers: Robust specularity detection; **Single** **multi** -illuminant
color image; **Color** shading; Lambertian models; Gaussian sphere; Shape
from color algorithm

   23/3,K/46 **(Item 13 from file: 8)**
DIALOG(R)File   8:Ei Compendex(R)
(c) 2004 Elsevier Eng.   Info. Inc. All rts. reserv.

02327911   E.I. Monthly No: EI8711112424
   Title: DIGITAL COLOR IMAGE ENHANCEMENT BASED ON THE SATURATION COMPONENT.
   Author: Strickland, Robin N.; Kim, Cheol-Sung; McDonnell, William F.
   Corporate Source: Univ of Arizona, Tucson, AZ, USA
   Source: Optical Engineering v 26 n 7 Jul 1987 p 609-616
   Publication Year: 1987
   CODEN: OPEGAR   ISSN: 0091-3286
   Language: ENGLISH

   Abstract: Much of the work done in digital image processing has been
limited in application to **black** -and- **white** images, this being especially
true of enhancement and restoration. The extension to color image
processing is not trivial; a suitable color **space** must be selected for a
given application, and then a good processing strategy must be devised.
Many **color** image processing strategies require that only a luminance
component be actually processed. In image restoration...

   23/3,K/52 **(Item 4 from file: 34)**
DIALOG(R)File   34:SciSearch(R) Cited Ref Sci
(c) 2004 Inst for Sci Info. All rts. reserv.

07970762   Genuine Article#: 230TJ   No. References: 29
Title: A novel vector-based approach to color image retrieval using a
   vector angular-based distance measure
Author(s): Androutsos D (REPRINT) ; Plataniotis KN; Venetsanopoulos AN
Corporate Source: UNIV TORONTO,DEPT ELECT & COMP ENGN, DIGITAL SIGNAL &
   IMAGE PROC LAB, 100 COLL ST/TORONTO/ON M5S 3G4/CANADA/ (REPRINT);
   RYERSON POLYTECH UNIV,SCH COMP SCI/TORONTO/ON M5B 2K3/CANADA/
Journal: COMPUTER VISION AND IMAGE UNDERSTANDING, 1999, V75, N1-2 (JUL-AUG)
, P46-58
ISSN: 1077-3142   Publication date: 19990700
Publisher: ACADEMIC PRESS INC, 525 B ST, STE 1900, SAN DIEGO, CA 92101-4495
Language: English   Document Type: ARTICLE   (ABSTRACT AVAILABLE)

...Abstract: nonlinearity, call for improved methods. We present a new
    scheme which implements a recursive HSV- **space** segmentation technique
    to identify perceptually prominent color areas. The average color
    vector of these extracted...

...system provides accurate retrieval results and high retrieval rate. It
    allows for queries based on **single** or **multiple colors** and, in
    addition, it allows for certain colors to be excluded in the query.
    This flexibility is due to our distance measure and the
    multidimensional query **space** in which the retrieval ranking of the
    database images is determined. Furthermore, our scheme proves...

23/3,K/57   (Item 9 from file: 34)

03191812   Genuine Article#: NL762   No. References: 24
**Title: ROBUST SPECULARITY DETECTION FROM A SINGLE MULTI -ILLUMINANT COLOR
    IMAGE**
Author(s): DREW MS
Corporate Source: SIMON FRASER UNIV,SCH COMP SCI/BURNABY V5A 1S6/BC/CANADA/
Journal: CVGIP-IMAGE UNDERSTANDING, 1994, V59, N3 (MAY), P320-327
ISSN: 1049-9660
Language: ENGLISH   Document Type: ARTICLE   (Abstract Available)

**Title: ROBUST SPECULARITY DETECTION FROM A SINGLE MULTI -ILLUMINANT COLOR
    IMAGE**
...Abstract: answer this question and also recover surface orientation in
    non-specular regions using only a **single color** image of the surface
    taken under a set of illuminants whose positions, strengths, and
    spectral...

...measured RGB color. Linearity means that the Gaussian sphere is
    transformed into an ellipsoid in **color space** , and **one** can solve
    for the ellipsoid using least squares; surface normals are recovered
    only up to...
...the underlying color ellipsoid, then a robust method can still find that
    surface in RGB **space** . Here a least-median-of-squares method is used
    to recover shape and detect specularities...

23/3,K/70   (Item 7 from file: 94)

03166676   JICST ACCESSION NUMBER: 97A0239084   FILE SEGMENT: JICST-E
Trends and problems on the multi -media color **reproduction.**
KODERA HIROTERU (1)
(1) Chiba Univ.
Shomei Gakkaishi(Journal of the Illuminating Engineering Institute of Japan
    ), 1997, VOL.81,NO.1, PAGE.39
JOURNAL NUMBER: G0205ABA   ISSN NO: 0019-2341
UNIVERSAL DECIMAL CLASSIFICATION: 535.6   628.9
LANGUAGE: Japanese   COUNTRY OF PUBLICATION: Japan
DOCUMENT TYPE: Journal
ARTICLE TYPE: Commentary
MEDIA TYPE: Printed Publication

Trends and problems on the multi -media color **reproduction.**

...ABSTRACT: displays, global color standards is desired. ICC plays a
central role to set the standard **space** and to develop color
management (CMS) technology for color information exchange among
different media. The difference in color gamut of the display and the
printer is **one** of the **color** reproduction problems in different
media and a color gamut mapping method to adjust the show...
...DESCRIPTORS: color **space** ;

23/3,K/72   **(Item 9 from file: 94)**
DIALOG(R)File   94:JICST-EPlus
(c)2004 Japan Science and Tech Corp(JST). All rts. reserv.

...ABSTRACT: object. Although there are a million of colors around us we do
not use so **many** **colors** , but categorize different **colors** into
several **color** names. Eleven **color** names; red, green, yellow, blue,
brown, orange, purple, pink, **white** , **black** and gray, have been
qualified as basic color categories, that are used consistently among
observers and occasions. In this study we measured categorical regions
in a color **space** determined with a categorical color naming method
using these 11 basic color names. Two color...
DESCRIPTORS: color **space** ;

23/3,K/74   **(Item 11 from file: 94)**
DIALOG(R)File   94:JICST-EPlus
(c)2004 Japan Science and Tech Corp(JST). All rts. reserv.

Categorical Color-Name Regions of A Color Space **in Aperture and Surface
    Color Modes.**
...ABSTRACT: object. Although there are a million of colors around us we do
not use so **many** **colors** , but categorize defferent **colors** into
several **color** names. Eleven **color** names; red, green, yellow, blue,

brown, orange, purple, pink, **white** , **black** and gray, have been
qualified as basic color categories, that are used consistently among
observers and occasions. In this study we measured categorical regions
in a color **space** determined with a categorical color naming method
using these 11 besic color names. Two color...
...DESCRIPTORS: color **space** ;

 23/3,K/75   (Item 12 from file: 94)
DIALOG(R)File   94:JICST-EPlus
(c)2004 Japan Science and Tech Corp(JST). All rts. reserv.

The Color   Space **for** Multi **-Bender Communication.**
ABSTRACT: We have already reported the paper titled as "The Comparison of
    Color **Space** for Color Communication" in oder to compare the color
    gamut between device independent **color** **space** and dependent **one** .
    We showed the result of visualization of each color **space** and pointed
    out that NTSC-RGB color **space** is not fully satisfied as the standard
    color **space** for color communication because, device dependent color
    gamut such as the one printed by electrophotographic printing method
    exceeded over the NTSC-RGB gamut. Therefore, we want to propose the new
     color **space** suited for **multi** -bender **color** communication. Basic
    idea of the new color **space** is based on the Ives-Abney-Yule
    compromise. We added the more detail discussion on this paper and
    improved it more suitable **color** **space** for **multi** -bender **color**
    communication. (author abst.)
...DESCRIPTORS: color **space** ;

 23/3,K/82   (Item 3 from file: 95)
DIALOG(R)File   95:TEME-Technology & Management
(c) 2004 FIZ TECHNIK. All rts. reserv.

Robust specularity detection from a single   multi **-illuminant** color

image

ABSTRACT:
...answer this question and also recover surface orientation in
non-specular regions using only a **single** **color** image of the surface
taken under a set of illuminants whose positions, strengths, and spectral
...
...measured RGB color. Linearity means that the Gaussian sphere is
transformed into an ellipsoid in **color** **space** , and **one** can solve for
the ellipsoid using least squares; surface normals are recovered only up to
...

...the underlying color ellipsoid, then a robust method can still find that
surface in RGB **space** . A least-median-of-squares method is used to recover
shape and detect specularities at...
IDENTIFIERS: LINEAR MODEL; ROBUST SPECULARITY DETECTION; **SINGLE** **MULTI**
ILLUMINANT **COLOR** IMAGE; **COLOR** SHADING; SURFACE ORIENTATION; NON
SPECULAR REGIONS; **SINGLE** **COLOR** IMAGE; ILLUMINANTS; SPECTRAL CONTENT;
SHAPE FROM COLOR METHOD; LAMBERTIAN MODEL; REFLECTANCE MODEL; SURFACE
NORMAL; MEASURED RGB COLOR; GAUSSIAN SPHERE; COLOR **SPACE** ; SURFACE NORMALS
; ORTHOGONAL TRANSFORMATION; COLOR ELLIPSOID; LEAST MEDIAN OF SQUARES
METHOD; Farbbildanalyse; Merkmalerkennung

 23/3,K/83   (Item 1 from file: 99)
DIALOG(R)File 99:Wilson Appl. Sci & Tech Abs

2549898 H.W. WILSON RECORD NUMBER: BAST00051549
Color from shape from color: a simple formalism with known light sources
Drew, Mark S; Brill, Michael H
Journal of the Optical Society of America. A, Optics, Image Science, and
Vision v. 17 no8 (Aug. 2000) p. 1371-81
DOCUMENT TYPE: Feature Article ISSN: 1084-7529

...ABSTRACT: taken under illumination from different directions. At best,
one may dispense with the need for **multiple** images by using **colored**
lights tuned to camera filters. But a less restrictive paradigm is
available that uses the orientation-from- **color** approach, wherein
multiple broadband illuminants impinge on a surface simultaneously. In
that method, colors for a Lambertian surface lie on an ellipsoid in color
space . The method has been applied mainly to **single** - **color** objects,
with ellipsoid quadratic-form parameters determined from a large number of
pixels. However, recently...

...color model can often be made to hold more exactly by transforming the
co]or **space** into one corresponding to spectrally sharpened sensors, which
are a matrix transform away from the...

 23/3,K/84   (Item 2 from file: 99)
DIALOG(R)File 99:Wilson Appl. Sci & Tech Abs

1168287 H.W. WILSON RECORD NUMBER: BAST94036883
Robust specularity detection from a single   multi -**illuminant** color
   image
Drew, Mark S;
CVGIP: Image Understanding v. 59 (May '94) p. 320-7
DOCUMENT TYPE: Feature Article ISSN: 1049-9660

Robust specularity detection from a single   multi -illuminant   color
   image

...ABSTRACT: green/blue color. Linearity means that the Gaussian sphere
is transformed into an ellipsoid in **color   space** . In addition, **one**
can solve for the ellipsoid using least squares. The proposed model can
recover surface normals...

...and invertibility. It can also recover surface orientation in
non-specular regions using only a **single   color** image of the surface
taken under a set of illuminants whose positions, strengths, and spectral
...

 23/3,K/88   (Item 4 from file: 144)
DIALOG(R)File 144:Pascal
(c) 2004 INIST/CNRS. All rts. reserv.

 14711412   PASCAL No.: 00-0386885
 Artistic Halftoning: Between technology and art
 **Color imaging : device-independent color, color hardcopy, and graphic
arts V : San Jose CA, 25-28 January 2000**
 OSTROMOUKHOV V
 ESCHBACH Reiner, ed; MARCU Gabriel G, ed
 MIT Computer Graphics Group, Unknown
 International Society for Optical Engineering, Bellingham WA, United
States
 Color imaging. Conference, 5 (San Jose CA USA) 2000-01-25
 Journal: SPIE proceedings series, 2000, 3963 489-509
 Language: English

 ...and cultural elements related to the content of the reproduced images.
Artistic Screening is basically **black** -and- **white** technique. Multicolor
and Artistic Dithering, presented at SIGGRAPH99, extends it to **multiple
 colors** . This technique permits to print with non-standard colors such as
opaque or semi-opaque...
... art of building appropriate threshold structures. We illustrate the
introduced technique by a set of **black / white** engravings, showing
different features such as engraving-specific image enhancements, mixing
different regular engraving lines...

English Descriptors: Color **space** ; Screening; Printing; Color; Screen; Art
 ; Half tone image; Half tone screen; Ink; Gray scale; Timbre...

 23/3,K/98   (Item 14 from file: 144)
DIALOG(R)File 144:Pascal
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 11454525   PASCAL No.: 94-0289264
 Simple and multiple   color **antisymmetry** space **groups**
 JABLAN S V; PALISTRANT A F; WESTER D W trad
 Moldava state univ., Russian Federation
 Journal: Crystallography reports, 1993, 38 (2) 137-141
 Language: English

 Simple and multiple   color **antisymmetry** space **groups**

... a different type of color antisymmetry are presented. The complete derivation of the resulting minor **space** groups of both simple and **multiple** **color** antisymmetry is reviewed for all nontrivial assignments to points in a three-dimensional Euclid **space** colored by p **colors** of **one** or **several** signs + or - ...

English Descriptors: Theoretical study; **Space** groups; Symmetry groups; Euclidean **space**

23/3,K/103   (Item 3 from file: 248)
DIALOG(R)File 248:PIRA
(c) 2004 Pira International. All rts. reserv.

00477510   Pira Acc. Num.: 40012914
 Title: **Method for Performing a Color** Space **Transformation**
 Authors: Delean B
 Patent Assignee: Live Picture Inc
 Patent Number: WO 96 00411 Patent Date: 960104
 Application number: US 07806 Application Date: 940624
 Publication Year: 1996
 Document Type: Patent
 Language: English

 Title: **Method for Performing a Color** Space **Transformation**
 ...Abstract: of EP766844 (970409). In a method for transforming a first image defined by a first **multi** -dimensional **colour** **space** (RGB) into a second image defined by a second **multi** -dimensional **colour** **space** (CMYK) the transformation is computed using information derived from a previous transformation of the second...

... image editing system can display on a video monitor an image that is defined in **one** dimensional **colour** **space** (RGB), print using a printer that prints images using a second **multi** -dimensional **colour** space (CMYK) and edit using either (RGB) or (CMYK) colour spaces.

23/3,K/104   (Item 4 from file: 248)
DIALOG(R)File 248:PIRA
(c) 2004 Pira International. All rts. reserv.

00453659   Pira Acc. Num.: 20057478
 Title: **Color management. How to develop a prepress solution to achieve predictable color using open architecture systems**
 Authors: Chop K W
 Source: Flexo vol. 21, no. 5, May 1996, pp 90, 92-93
 ISSN: 0734-6980
 Publication Year: 1996
 Document Type: Journal Article
 Language: English

 ...Abstract: description language, introduced open architecture. This replaced the rigidity of proprietary systems, tying users to **one** vendor; their **colour** output was predictable. With open systems, device connectivity creates **many** problems, particularly **colour** management. Colour predictability is often lost. All devices and software use their own device-dependent colour **space** , RGB, LCH, CMYK, and others. Devices must be calibrated under controlled lighting, and a colour **space** appropriate to the computer's operating system and graphics software chosen. Device profiles are installed...

00109645   Pira Acc. Num.: 5321775   Pira Abstract Numbers: 02-83-02078
   **Title: NEW QUALITY-CONTROL TOOL : RIT-GIROUX/MORTENSEN SCREEN -ANGLE
SELECTOR**
   Authors: Anon
   Source: Dual Control Scanner vol. 3, no 5, 1983, p. 3
   Publication Year: 1983
   Document Type: Journal Article
   Language: English

   **Title: NEW QUALITY-CONTROL TOOL : RIT-GIROUX/MORTENSEN SCREEN -ANGLE
SELECTOR**

   ...Abstract: Selector, developed at the Rochester Institute of
Technology, simplifies the process of assembling films for **multi -
·coloured** images by enabling strippers to accurately angle screen tints
and determine the screen angles of...
   ...Descriptors: **MULTI - COLOURED ;**
?

7703354   INSPEC Abstract Number: B2003-09-6135-122, C2003-09-5260B-152
   Title: **Speed   v.   accuracy   for   high   resolution   colour**   texture
classification
   Author(s): Monadjemi, A.; Thomas, B.T.; Mirmehdi, M.
   Author Affiliation: Dept. of Comput. Sci., Bristol Univ., UK
   Conference Title: Electronic Proceedings of the 13th British Machine
Vision Conference   p.274-83
   Publisher: British Machine Vision Assoc, Manchester, UK
   Publication Date: 2002 Country of Publication: UK   CD-ROM pp.
   ISBN: 1 901725 20 0   Material Identity Number: XX-2002-02183
   Conference Title: BMVC2002: British Machine Vision Conference 2002
   Conference Date: 2-5 Sept. 2002   Conference Location: Cardiff, UK
   Language: English
   Subfile: B C
   Copyright 2003, IEE

   Title: **Speed   v.   accuracy   for   high   resolution   colour**   texture
classification

   ...Abstract: and classifying textures in high resolution colour images
are presented. The proposed features are directional **texture** features
obtained from the convolution of the Walsh-Hadamard transform with
different orientations of **texture** patches from high resolution images, as
well as simple chromatic features that **correspond** to **hue** and
saturation in the HLS colour **space** . We compare the performance of these
new features against Gabor transform features combined with HLS and Lab
colour   space features. **Multiple** classifiers are employed to combine
both textural and chromatic features for better classification performance.
We...
   Identifiers: high resolution colour **texture** classification...

...directional **texture** features...

...HLS colour **space** ; ...

...Lab colour **space** features
?